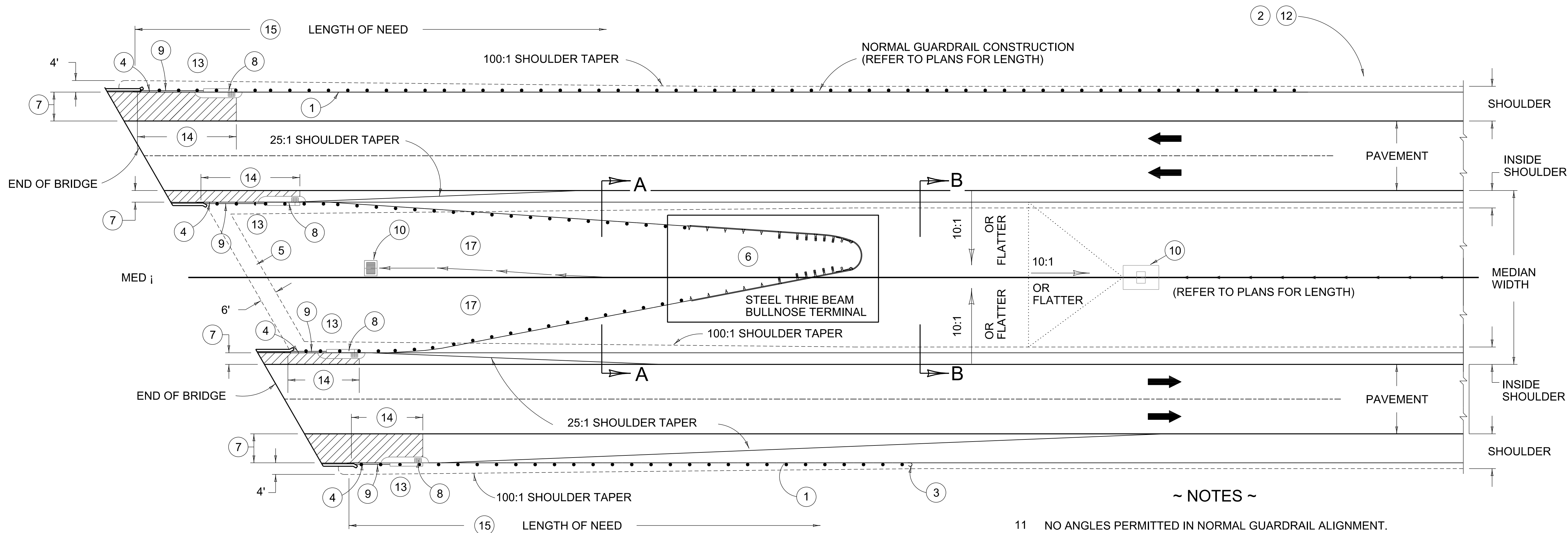
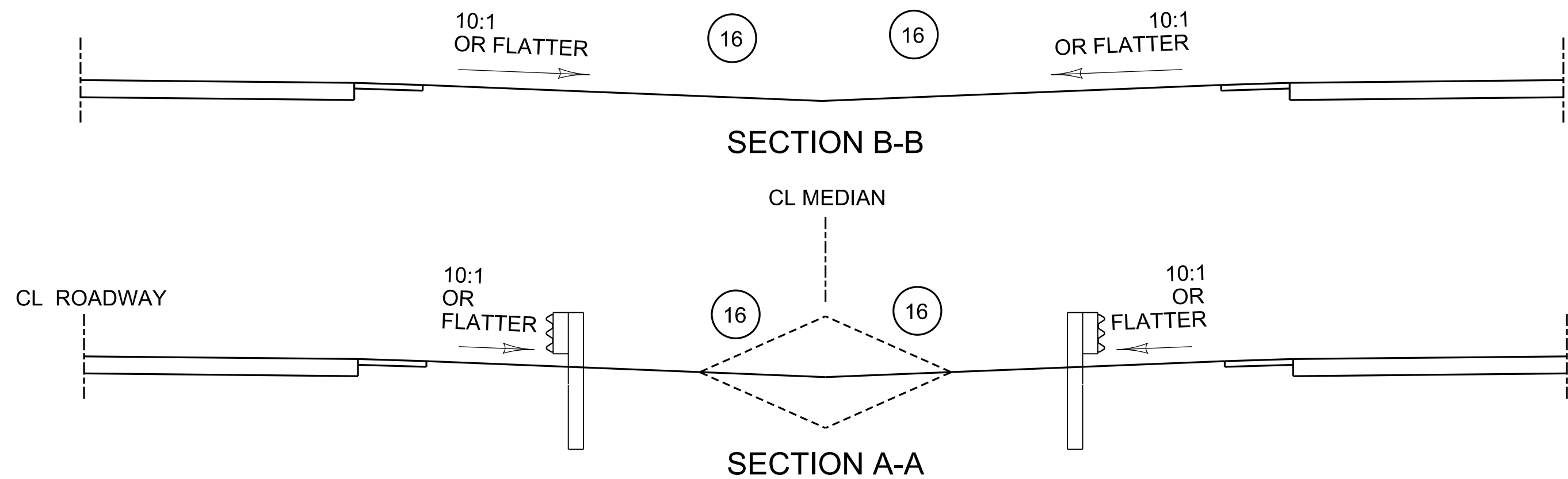




~ NOTES ~

- 11 NO ANGLES PERMITTED IN NORMAL GUARDRAIL ALIGNMENT.
- 12 PROPERLY ENDING A GUARDRAIL INSTALLATION:
- A. IN AREAS WITH ADEQUATE VEHICLE RECOVEREY SPACE, USE GUARDRAIL END TREATMENT 1 OR 4A.
- B. IN SOLID ROCK CUTS WITHOUT AN ADEQUATE VEHICLE RECOVER ZONE BEHIND THE GUARDRAIL, EXTEND THE GUARDRAIL TO A SUITABLE RECOVERY AREA AND USE END TREATMENT TYPE 1 OR 4A.
- C. EARTH CUTS AND SOFT ROCK BACKSLOPES (2:1 OR STEEPER), USE GUARDRAIL END TREATMENT TYPE 3.
- 13 FLATTEN SLOPES AND REMOVE INLET WHEN MEDIAN OR SHOULDER SLOPES AWAY FROM BRIDGE. REFER TO THE PLANS FOR DETAILS.
- 14 VARIABLE LENGTH. SEE APPLICABLE "THRIE-BEAM GUARDRAIL TRANSITION" DRAWINGS (BHS-013 AND BHS-014).
- 15 PROPERLY SHIELD ROADSIDE OBSTACLES AND AREAS OF CONCERN BY CALCULATING THE LENGTH OF NEED (LON) TO DETERMINE THE NECESSARY BARRIER LENGTH.
- 16 SEE SHEET 004 OF SEPIA 095 FOR GRADING DETAILS FOR THE BULLNOSE.
- 17 GRADE TO DRAIN THE MEDIAN AREA BEHIND THE BARRIER WHILE ENSURING THAT A MINIMUM OF 2 FEET OF 10:1 MATERIAL IS PLACED BEHIND THE BARRIER POST.



ITEM	STD. DWG. NO
1 STEEL W BEAM GUARDRAIL - SINGLE FACE (NOTE 11)	RBR-SERIES
2 END TREATMENT TYPE 1, 3, OR 4A (NOTE 12)	
3 END TREATMENT TYPE 2A (TRAILING END TERMINAL)	
4 THRIE-BEAM GUARDRAIL TRANSITION	BHS-013, BHS-014
5 6' EARTH DIKE	RGX-001
6 STEEL THRIE BEAM BULLNOSE TERMINAL	RBE-210
DRAINAGE ITEMS (IF NECESSARY)	
7 BRIDGE END DRAINAGE AREA (NOTE 13)	RDB OR RDD SERIES
8 CURB BOX INLET TYPE B (SHOWN) OR FLUME INLET	
9 STANDARD HEADER CURB OR STANDARD HEADER CURB AND GUTTER	RPM-100
10 DROP BOX INLET (NOTE 13)	RDB-SERIES



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



GUARDRAIL AND BRIDGE END DRAINAGE

FOR TWIN STRUCTURE

STANDARD DRAWING NUMBER
RBB-002-010

BARRIERS

SUBMITTED *W. J. Lujan* 08-11-2025
DIVISION DIRECTOR DATE

APPROVED *John Ballinger* 08-11-2025
STATE HIGHWAY ENGINEER DATE

REVISION DATE: 08/11/2025
REVISION NUMBER: 0